

**NOTICE OF DRAFTSPERSON'S  
PATENT DRAWING REVIEW**

The drawing(s) filed (insert date) 01/24/02

A  approved by the Draftsperson under 37 CFR 1.84 or 1.82

B.  objected to by the Death person under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS 37 CFR 1.84(f) Acceptable categories of drawings	Black ink. Color — Color drawings are not acceptable until patent is granted — Figs(s) _____	Pen and non black ink not permitted. Figs(s) _____
2. PHOTOGRAPHS 37 CFR 1.84(b)	1 full-tone set is required. Figs(s) _____	Photographs may not be mounted. 37 CFR 1.84(c)
		Poor quality (half-tone). Figs(s) _____
3. TYPE OF PAPER 37 CFR 1.84(c)	Paper not flexible, strong, white, and durable Figs(s) _____	Erasures, alterations, overwritings, interlineations folds, copy machine marks not accepted. Figs(s) _____
		Mylar, vellum paper is not acceptable (too thin) Figs(s) _____
4. SIZE OF PAPER 37 CFR 1.84(d) Acceptable sizes 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (S 1.2 X 11 inches) All drawing sheets not the same size Sheets(s) _____	Drawing sheets not an acceptable size. Figs(s) _____	
5. MARGINS 37 CFR 1.84(g) Acceptable margins	Top 2.5 cm. Left 2.5 cm. Right 1.5 cm. Bottom 1.0 cm SIZE . A4 Size Top 2.5 cm. Left 2.5 cm. Right 1.5 cm. Bottom 1.0 cm SIZE . S 1.2 X 11 Margins not acceptable. Figs(s) _____	Top (1) _____ Left (1) _____ Right (R) _____ Bottom (B) _____
6. VIEWS 37 CFR 1.84(h)	REMINDED: Specification may require revision to correspond to drawing changes Partial views. 37 CFR 1.84(h)(2)	
	Brackets needed to show figure is one entity Figs(s) _____	
	Views not labeled separately or properly Figs(s) _____	
	Enlarged view not labeled separately or properly Figs(s) _____	
7. SECTIONAL VIEWS 37 CFR 1.84(h)(5)	Hatching not indicated for sectional portions of 3D objects Figs(s) _____	Sectional designation should be noted with Arabic or Roman numbers. Figs(s) _____
8. ARRANGEMENT OF VIEWS 37 CFR 1.84(i)	Words do not appear on a horizontal, left to right fashion when page is either upright or turned so that the top becomes the right side except for graphs. Figs(s) _____	
9. SCALE 37 CFR 1.84(k)	Scale not large enough to show mechanism without crowding when drawing is reduced in size to two thirds in reproduction. Figs(s) _____	
10. CHARACTER OF LINES, NUMBERS & LETTERS 37 CFR 1.84(l)	Lines, numbers & letters not uniformly thick and clearly defined, clear, durable, and black (poor line quality). Figs(s) <u>1-5</u>	
11. SHADING 37 CFR 1.84(m)	Solid black arcs/poly. Figs(s) _____	
	Solid black shading not permitted. Figs(s) _____	
	Shade lines, pale, rough and blurred. Figs(s) _____	
12. NUMBERS, LETTERS, & REFERENCE CHARACTERS 37 CFR 1.84(p)	Numbers and reference characters not plain and clear Figs(s) _____	
	Figure legends are poor. Figs(s) _____	
	Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Figs(s) _____	
	English alphabet not used. 37 CFR 1.84(p)(2) Figs(s) _____	
	Numbers, letters and reference characters must be at 36.8 cm (1 1/8 inch) in height. 37 CFR 1.84(p)(3) Figs(s) _____	
13. LEAD LINES 37 CFR 1.84(p)	Lead lines cross each other. Figs(s) _____	
	Lead lines missing. Figs(s) _____	
14. NUMBERING OF SHEETS OF DRAWINGS 37 CFR 1.84(t)	Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheets(s) _____	
15. NUMBERING OF VIEWS 37 CFR 1.84(u)	Views not numbered consecutively, and in Arabic, starting with number 1. Figs(s) _____	
16. CORRECTIONS 37 CFR 1.84(w)	Corrections not made from prior PTO 948 dashed. Figs(s) _____	
17. DESIGN DRAWINGS 37 CFR 1.852	Surface shading shown not appropriate. Figs(s) _____	
	Solid black shading not used for color contrast Figs(s) _____	

REVIEWER DATE 28/02/03 TELEPHONE NO.

ATTACHMENT TO PAPER NO. \_\_\_\_\_

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